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10/13/86

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Vemuri B. Reddy et al.
Serial No.: 548,228
Filed : November 2, 1983
For : Heteropolymeric Proteins

Art Unit: 127
Examiner: Giesser

Commissioner of Patents and Trademarks
Washington, DC 20231

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AMENDMENT

Diana Delano

Sir:

Responsive to the Office Action mailed on April 10, 1986, kindly amend the application as follows.

In the claims:

Cancel claims 1, 3, 34, and 35.

In claim 5, line 1, before "cell", insert

--eukaryotic--.

Amend claim 33 to read as follows:

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C1
2
G
G
14-33. (Thrice Amended) A method for [procuding]
producing the biologically active human fertility hormone LH
comprising culturing host ^{mammalian} ~~eukaryotic~~ cells comprising a first
expression vector encoding [at least] the beta subunit of said
LH[.] and a second expression vector encoding the alpha ^{subunit} ~~subunit~~
^{said} of LH.--

Add new claim 44:

C2
E
18
44. (New) A method for producing the biologically
active human fertility hormone LH comprising culturing host
^{mammalian} ~~eukaryotic~~ cells comprising an expression vector encoding both
the beta and alpha subunits of said LH.

End

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